

User activities:
Army - AT, AV, MZ
Navy - MC, CG, OS
Air Force - 13, 19
DSA - ES

Review activities:
Army - EL, MI, MU
Navy - EC, AS
Air Force - 17, 85, 96
DSA - ES

This military standard is approved for use by all Departments and Agencies of the Department of Defense. Selection for all new engineering and design applications and for repetitive use shall be made from this document when applicable.

FED. SUP CLASS
5935

MS Part number	Shell size	A Thread DS-28	B Dia. Max.	D Dia. Hole See note 8		E See note 7
				For receptacle MS90555	For plug without coupling ring MS90557	
MS90563-1 ()	28	2.000-.1428P-.2857L	2.219 (56.36)	.164	.164	6.000 (152.40)
-3 ()	32	2.250-.1428P-.2857L	2.469 (62.71)	.190		4.500 (114.30)
-4 ()					.164	6.000 (152.40)
-7 ()	44	3.000-.1428P-.2857L	3.219 (81.76)	.250	.250	7.500 (190.50)
-9 ()	48	3.250-.1428P-.2857L	3.469 (88.11)	.250	.250	7.500 (190.50)
-11 ()	52	3.500-.1428P-.2857L	3.750 (95.25)	.250	.250	7.500 (190.50)

E ENTIRE STANDARD REVISED

P.A. NAVY-EC Other Cust ARMY-EL AF-11	International -Standard	TITLE COVER, ELECTRICAL CONNECTOR, RECEPTACLE, CLASS L	MILITARY STANDARD <div style="font-size: 1.5em; font-weight: bold;">MS 90563</div>
Procurement Specification MIL-C-22992		SUPERSEDES:	PAGE 1 OF 2

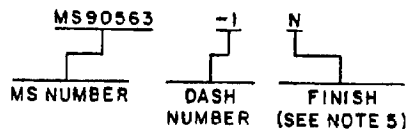
User activities: Army -
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EXAMPLE OF PART NUMBER



SUPERSESION DATA:

MS part number MS90563-3 is superseded by MS part number MS90563-3C.
MS part number MS90563-4 is superseded by MS part number MS90563-4C.

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for general information only and are based upon 1.00 inch = 25.4 mm.
3. Metric equivalents are in parentheses.
4. Unless otherwise specified, tolerances are ± 0.010 (.25 mm) for three place decimals and ± 0.02 (.51 mm) for two place decimals.
5. Finish shall be designated by the letter C (conductive) or N (non-conductive).
6. Chain shall move freely on protective cap after assembly.
7. Chain shall be passivated stainless steel in accordance with type II, class 3, trade number 8 of RR-C-271 for -1, -3 and -4, and type II, class 3, trade number 35 of RR-C-271 for -7, -9 and -11. Chain shall be within one link of length specified.
8. D clearance to accommodate screw size indicated. Clearance hole may be rounded and enlarged by the use of a drift pin.
9. Optional design chain: Chain may be reversed and a larger link provided as a reverse link to provide the necessary D clearance hole.
10. Referenced documents shall be of the issue in effect on date of invitation for bid.
11. For design feature purposes, this standard takes precedence over procurement documents referenced herein.

P.A. NAVY-EC Other Cust ARMY-EL AF-II	International Interest	TITLE COVER, ELECTRICAL CONNECTOR, RECEPTACLE, CLASS L	MILITARY STANDARD MS90563
Procurement Specification MIL-C-22992		SUPERSEDES:	PAGE 2 OF 2

DD FORM 1 MAY 73 672 (Coordinated) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

APPROVED 1 JUN 66
REVISED (E) FOR CHANGES SEE PAGES 1 & 2